

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

QR-ADMPPS-04

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
 DOST Trunkline: 837-2071 local 2220 / 2221

18. Oct 16

Supplier:	ITS SCIENCE (PHILS.), INC.	P.O. No.:	GF-E-550-2017
Address: 3434-C C. Raymundo Ave., Rosario, Pasig City (3) PO-035	Date:	December 29, 2017	
	Mode of Procurement:	Public Bidding	
	Resolution No.	ITDI-PB-170041	
	PR #	13-2017-0861	ASC #

Gentlemen:
 Please furnish this office the following articles to the terms and conditions contained herein:

Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)		Delivery Term:	Ninety (90) days	
Date of Delivery:			Payment Term:		
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
1	unit	CRYOGENIC MILL Brand: Retsch Model: Mixer Mill MM 400, 100-24 V, 50/60Hz, with quick release clamp PN: 20.745.0001 Includes: a) Stainless steel grinding jar, w/screw top design, 50 ml, 4 pcs. PN: 01.462.0216 b) Stainless steel grinding jar, w/screw top design, 25 ml, 4 pcs. PN: 01.462.0213 c) Stainless steel grinding jar, w/screw top design, 10 ml, 4 pcs. PN: 01.462.0236 d) 12 mm ø stainless steel grinding balls for 50 ml grinding jar, 16 pcs. PN: 05.368.0037 e) 10 mm ø stainless steel grinding balls for 25 ml grinding jar, 12 pcs. PN: 05.368.0063 f) 7mm ø stainless steel grinding balls for 10 ml grinding jar, 14 pcs. PN: 05.368-0035 Features: Applications: size reduction, mixing, homogenization, cell disruption, cryogenic grinding Field of application: agriculture, biology, chemistry / plastics, construction materials, engineering /electronics, environment / recycling, food, geology, metallurgy, glass / ceramics, medicines / pharmaceuticals Feed material: Hard, medium-hard, soft, brittle, elastic, fibrous	1	1,245,000.00	1,245,000.00

Page 1 of 2 pages - (Total Amount in Words)
 In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme: *[Signature]*
 Very Truly yours,
 (Signature over printed name)
 January 25 2018
 (Date)

Requisitioning Office/Dept.	Funds Available:	Amount
DR. ROSALINDA C. TORRES Chief-STD / Scientist I	SOLEDAD S. REYES Accountant IV	<i>[Signature]</i> ALOBS No. <i>[Signature]</i>

part 1/10

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Stock No.	Unit	Description	Quantity	Unit Cost	Amount
TOTAL CARRIED FORWARD					
		Size reduction principle	impact, friction		1,245,000.00
		Material feed size*	<= 8 mm		
		Final fineness*	~ 5 µm		
		Batch size/feed quantity*	max. 2 x 20 ml		
		No. of grinding stations	2		
		Setting of vibrational frequency	digital, 3-30 Hz (180-1800 min-1)		
		Typical mean grinding time	30 s - 2 min		
		Dry grinding:	Yes		
		Wet grinding:	Yes		
		Cryogenic grinding:	Yes		
		Cell disruption with reaction vials:	Yes, up to 20 x 2.0 ml		
		Self-centering clamping device	Yes		
		Type of grinding jars:	screw top design		
		Material of grinding tools	hardened steel, stainless steel, tungsten carbide, agate, zirconium oxide, PTFE		
		Grinding jar sizes:	1.5 ml / 5 ml / 10 ml / 25 ml / 35 ml / 50 ml		
		Setting of grinding time	digital, 10 s - 99 min		
		Storable SOPs:	9		
		Electrical supply data	100-240 V, 50/60 Hz		
		Power connection:	1-phase		
		Protection code:	IP-30		
		Power consumption:	150 W		
		W x H x D closed:	371 x 266 x 461 mm		
		Net weight:	~26 kg		
		Standards:	CE		
		Warranty:	One (1) year on parts & 3 on services		
				Less: VAT	55,580.36
				EWT	11,116.07
					66,696.43
					1,178,303.57
		END-USER:	AARON C. PACUYA		
		CHARGE TO:	Metrology Program-PR 92		
		PREPARED BY:	ROCHEEL LEE C. DELUTA		
			Administrative Officer V		

Page 2 of 2 pages
(Total Amount in Words) One million one hundred seventy eight thousand three hundred three pesos & 57/100
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme: *[Signature]*
 Mr. Vladimir Marger
 (Signature over printed name)
January 20, 2018
 (Date)

Very Truly Yours,
[Signature]
MARIA PATRICIA V. AZANZA, PH.D.
 Director

Requisitioning Office/Dept. DR. ROSALINDA C. TORRES Chief-STD / Scientist I	Funds Available: <i>[Signature]</i> SOLEDAD S. REYES Accountant IV	Amount <u>1,111,607.13</u> ALOBS No. <u>101712021</u>
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